

1 **ABSTRACT**

2 A method of making emergency telephone calls through the mobile
3 communications system to the nearest emergency service unit and the automatic
4 calling apparatus for making such call are provided, wherein the emergency call
5 is transmitted through a mobile communications network, and a list of useful
6 emergency service units with telephone numbers and area codes is kept by the
7 above apparatus. The emergency service units may be distributed across
8 different districts, and the automatic calling apparatus is still able to keep track of
9 the current location of the user dynamically through the regular line connection
10 with the mobile communications network and matching with a local area code.
11 When the emergency button is pressed, an emergency call will be sent out to the
12 nearest emergency service unit, thus the call-response time can be well
13 controlled for making a rapid response.